

PI 559277 to 559280. *Humulus lupulus* L. CANNABACEAE Hops

Donated by: Haunold, A., USDA/ARS Hops Research Project, East Farm, Corvallis, Oregon, United States. Received October 24, 1991.

PI 559277 **origin:** United States. **origin institute:** USDA/ARS Hops Research Project, Oregon State University, Corvallis, Oregon. **cultivar:** USDA 21110M. **pedigree:** 64100 x 64035M, Bullion x Zattler Sdlg, sel. No. 7007-18M. **other id:** USDA 21110M. **remarks:** Diploid, early flowering, excellent pollen producer, for breeding Euro-type aroma hops with higher a-acids content. Perennial. Breeding Material. Plant.

PI 559278 **origin:** United States. **historical origin:** United Kingdom. **cultivar:** Fuggle. **other id:** USDA 19209M. **remarks:** Grown commercially in Oregon since the turn of the century Mother of USDA 21003, the tetraploid Fuggle. Perennial. Cultivar. Plant.

PI 559279 **origin:** United States. **historical origin:** United States. **cultivar:** Late Cluster. **pedigree:** Identical to USDA 65102, Yakima Cluster. **other id:** USDA 65104. **remarks:** Not adapted to Western Oregon because of downy mildew susceptibility. Indistinguishable from other Cluster sels. Perennial. Cultivar. Plant.

PI 559280 **origin:** United States. **historical origin:** United States. **cultivar:** Early Cluster E-2. **pedigree:** Perhaps a somatic mutation of an Ore. or Pac. coast Cluster. **other id:** USDA 65103 Selection E-2. **remarks:** Major hop variety in Washington and Idaho. Not suitable for Western Oregon due to downy mildew susceptibility. Perennial. Cultivar. Plant.

PI 559281. *Glycine tabacina* (Labill.) Benth. FABACEAE Perennial soybean

Donated by: Hymowitz, T., University of Illinois, Department of Agronomy, 1102 S. Goodwin Avenue, Urbana, Illinois, United States. Received .

origin: Taiwan. **origin institute id:** IL 881. **collected:** April 08, 1988. **locality:** Collected by the airport (NE) on Chimei Island, Pescadora Islands, Taiwan. Perennial. Wild. Seed.